

01-02-02

PTO/SB/05 (12/97)

Please type a plus sign (+) inside this box → ☒Approved for use through 09/30/00. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

TI-32508

First Named Inventor or Application Identifier

Jimmy Liang, et al.

Title

Method and Apparatus for Flip Chip Device Assembly by Radiant Heating

Express Mail Label No.

EI 547743693US

APPLICATION ELEMENTS

See MPEP Chapter 600 concerning utility patent application contents

ADDRESS TO:Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

1. ☒ *Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
2. ☒ Specification [Total Pages **21**]
(preferred arrangement set forth below)
- Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R&D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure
3. ☒ Drawing(s) (35 USC d113) [Total Sheets **6**]
4. Oath or Declaration [Total Pages **1**]
a. ☒ Newly Executed (original or copy)
b. ☐ Copy from a prior application (37 CFR §1.63(d))
(for continuation/divisional with Box 17 completed)
[Note Box 5 below]
i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application,
see 37 CFR §1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference (useable if Box 4b is checked)
The entire disclosure of the prior application, from which a copy of
the oath or declaration is supplied under Box 4b, is considered as
being part of the disclosure of the accompanying application and is
hereby incorporated by reference therein.

6. ☐ Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
a. ☐ Computer Readable Copy
b. ☐ Paper Copy (identical to computer copy)
c. ☐ Statement verifying identical of above copies

ACCOMPANYING APPLICATION PARTS

8. ☐ Assignment Papers (cover sheet & Documents(s))
9. ☐ 37 CFR §3.73(b) Statement (when there is an assignee) ☒ Power of Attorney
10. ☐ English Translation Document (if applicable)
11. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
14. ☐ *Small Entity Statement(s) ☐ Statement filed in prior application
Status still proper and desired
(PTO/SB/09-12)
15. ☐ Certified Copy of Priority Document(s)
if foreign priority is claimed
16. ☐ Other:

*A new statement is required to be entitled to pay small entity fees, except
where one has been filed in a prior application and is being relied upon.17. If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information below and in a preliminary amendment:☐ Continuation☐ Divisional☐ Continuation-in-part (CIP)

of prior application No:

Prior application information: Examiner

Group / Art Unit:

18. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label

23494



Correspondence address below

(Insert Customer No. or Attach bar code label here)

NAME

ADDRESS

CITY

STATE

TX

ZIP CODE

COUNTRY

TELEPHONE

(972) 238-7160

FAX

(972) 238-7013

Name (Print/Type)

Gary C. Honeycutt

Registration No. (Attorney/Agent)

20,250

Signature

Gary C. Honeycutt

Date

12/28/01

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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FEE TRANSMITTAL

Patent fees are subject to annual revision on October 1.

These are the fees effective October 1, 1997

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

Express Mailing Label No.: EL547743693US

Complete If Known

| | |
|----------------------|---------------------|
| Application Number | TBD |
| Filing Date | Herewith |
| First Named Inventor | Jimmy Liang, et al. |
| Examiner Name | TBD |
| Group / Art Unit | TBD |
| Attorney Docket No. | TI-32508 |

TOTAL AMOUNT OF PAYMENT (\$)**814.00**

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge to the following Deposit Account,

Deposit Account Number

20-0668

Deposit Account Name

Texas Instruments Incorporated

- ☒ Charge any additional fee required or credit any overpayment ☐ Charge all indicated fees and any additional fee required or credit any overpayment

2. ☐ Payment Enclosed:

☐ Check ☐ Money Order ☐ Other

FEE CALCULATION

BASIC FILING FEE

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description | Fee Paid |
|----------------|-----------------|----------------|-----------------|------------------------|----------|
| 101 | 710 | 201 | 395 | Utility filing fee | \$740 |
| 106 | 310 | 206 | 165 | Design filing fee | \$ |
| 107 | 480 | 207 | 270 | Plant filing fee | \$ |
| 108 | 760 | 208 | 395 | Reissue filing fee | \$ |
| 114 | 150 | 214 | 75 | Provisional filing fee | \$ |
| SUBTOTAL (1) | | | | | (\$740) |

EXTRA CLAIM FEES

| Total Claims | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| 19 | -20** = 0 | 18 | 0 |
| Independent Claims | 4 | -3** = 1 | 84 |
| Multiple Dependent | | 260 | |

**or number previously paid, if greater; For Reissue, see below

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description |
|---------------------|-----------------|----------------|-----------------|---|
| 103 | 18 | 203 | 11 | Claims in excess of 20 |
| 102 | 80 | 202 | 41 | Independent Claims in excess of 3 |
| 104 | 260 | 204 | 135 | Multiple dependent claims in excess of 3 |
| 109 | 78 | 209 | 41 | **Reissue independent claims over original patent |
| 110 | 18 | 210 | 11 | **Reissue claims in excess of 20 and over original patent |
| SUBTOTAL (2) (\$84) | | | | |

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description | Fee Paid |
|----------------|-----------------|----------------|-----------------|---|----------|
| 105 | 130 | 205 | 65 | Surcharge - late filing fee | |
| 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee or cover sheet. | |
| 139 | 130 | 139 | 130 | Non-English specification | |
| 147 | 2,520 | 147 | 2,520 | For filing a request for reexamination | |
| 112 | 920* | 112 | 920* | Requesting publication of SIR prior to Examiner action | |
| 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action | |
| 115 | 110 | 215 | 55 | Extension for reply within first month | |
| 116 | 380 | 216 | 200 | Extension of time within second month | |
| 117 | 870 | 217 | 475 | Extension of time within third month | |
| 118 | 1,360 | 218 | 755 | Extension of time within fourth month | |
| 128 | 1,850 | 228 | 1,030 | Extension of time within fifth month | |
| 119 | 300 | 219 | 155 | Notice of Appeal | |
| 120 | 300 | 220 | 155 | Filing a brief in support of an appeal | |
| 121 | 260 | 221 | 135 | Request for oral hearing | |
| 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | |
| 140 | 110 | 240 | 55 | Petition to revive - unavoidable | |
| 141 | 1,210 | 241 | 660 | Petition to revive - unintentional | |
| 142 | 1,210 | 242 | 660 | Utility issue fee (or reissue) | |
| 143 | 430 | 243 | 225 | Design issue fee | |
| 144 | 580 | 244 | 335 | Plant issue fee | |
| 122 | 130 | 122 | 130 | Petitions to the Commissioner | |
| 123 | 50 | 123 | 50 | Petitions related to provisional applications | |
| 126 | 240 | 126 | 240 | Submission of Information Disclosure Stmt. | |
| 581 | 40 | 581 | 40 | Recording each patent assignment per property (time number of properties) | |
| 146 | 760 | 246 | 395 | Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 149 | 760 | 249 | 395 | For each additional invention to be examined (37 CFR 1.129(b)) | |

Other fee (specify)

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

0

SUBMITTED BY

Typed or Printed Name

Gary C. Honeycutt

Signature

Gary C. Honeycutt

Date

12/28/01

Complete (if applicable)

Reg. Number

20,250

Deposit Account User ID